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09/ 960,477

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Jun 03	New e-mail delivery for search results now available
NEWS 4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 7	Sep 03	JAPIO has been reloaded and enhanced
NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11	Oct 24	BEILSTEIN adds new search fields
NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13	Nov 18	DKILIT has been renamed APOLLIT
NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
NEWS 16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 20	EVENTLINE will be removed from STN
NEWS 28	Mar 24	PATDPAFULL now available on STN
NEWS 29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 30	Apr 11	Display formats in DGENE enhanced
NEWS 31	Apr 14	MEDLINE Reload
NEWS 32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 33	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 35	Apr 28	RDISCLOSURE now available on STN
NEWS 36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39	May 16	CHEMREACT will be removed from STN
NEWS 40	May 19	Simultaneous left and right truncation added to WSCA
NEWS 41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 42	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 43	Jun 06	PASCAL enhanced with additional data

09/ 960,477

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 NEWS EXPRESS  April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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=> file reg
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                                                       ENTRY    SESSION
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STRUCTURE FILE UPDATES:   17 JUN 2003  HIGHEST RN 532924-24-6
DICTIONARY FILE UPDATES:  17 JUN 2003  HIGHEST RN 532924-24-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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Experimental and calculated property data are now available.  See HELP
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in the CAS Registry File, for complete details:
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=>
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L1      STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1              STR
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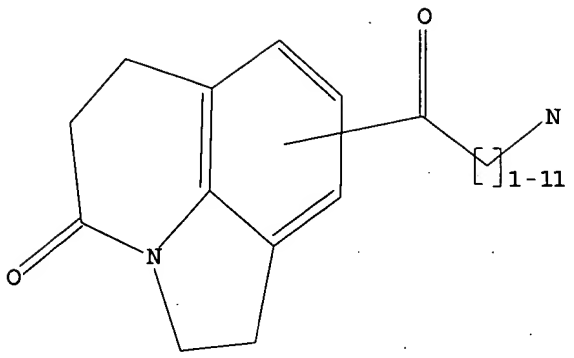

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=> s l1 ful
FULL SEARCH INITIATED 13:10:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   7805 TO ITERATE

100.0% PROCESSED    7805 ITERATIONS                          24 ANSWERS
SEARCH TIME: 00.00.01

L2            24 SEA SSS FUL L1

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COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               148.15     148.57

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FILE COVERS 1907 - 18 Jun 2003  VOL 138 ISS 25
FILE LAST UPDATED: 17 Jun 2003  (20030617/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> s l2
L3            2 L2

=> d l3 1- ibib abs hitstr
YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y
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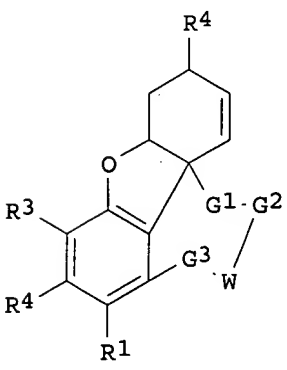
L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:747793 CAPLUS
DOCUMENT NUMBER: 135:304054
TITLE: Preparation of galanthamine analogs for pharmaceutical use as acetyl- and butyrylcholinesterase inhibitors
INVENTOR(S): Jordis, Ulrich; Froehlich, Johannes; Treu, Matthias; Hirnschall, Manfred; Czollner, Laszlo; Kaelz, Beate; Welzig, Stefan
PATENT ASSIGNEE(S): Sanochemia Pharmazeutika Aktiengesellschaft, Austria
SOURCE: PCT Int. Appl., 285 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001074820	A1	20011011	WO 2001-AT82	20010322
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1181294	A1	20020227	EP 2001-914813	20010322
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 2001005563	A	20020402	BR 2001-5563	20010322
BG 106155	A	20020830	BG 2001-106155	20011128
NO 2001005857	A	20020129	NO 2001-5857	20011130

PRIORITY APPLN. INFO.: AT 2000-546 A 20000331
AT 2001-238 A 20010215
WO 2001-AT82 W 20010322

OTHER SOURCE(S): MARPAT 135:304054
GI



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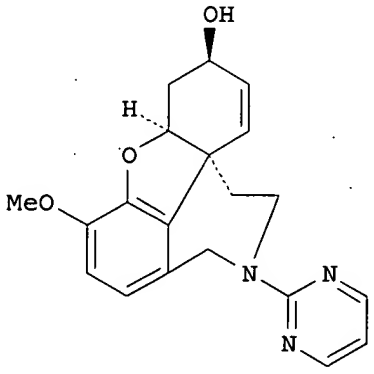


II

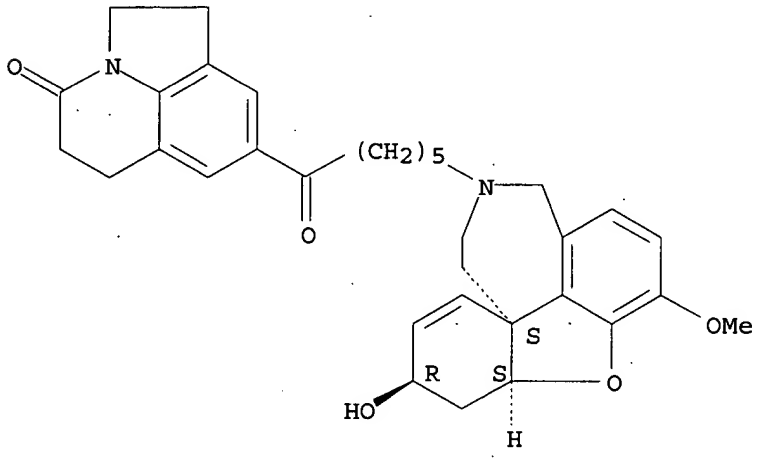
AB Galanthamine derivs. and analogs, such as I [R1, R2 = H, Cn, OH, SH, NO2, SO3H, PO3H, NH2, halogen, etc.; R3 = OH, OMe; R4 = OH, alkyloxy, alkenyloxy, alkynyloxy, cycloalkyloxy, aryloxy, etc.; G1, G2, G3 = CH2, (CH2)2, (CH2)3, CH(OH), etc.; W = CH2, NR5, etc.; R5 = alkyl, acyl, aryl,

etc.], were prepd. for therapeutic use as acetyl- and butyrylcholinesterase inhibitors. Thus, (.+-.)-galanthamine deriv. II was prepd. in 80.8% yield by condensation of (.+-.)-norgalanthamine with 2-chloropyrimidine using NaHCO3 in EtOH. The prepd. galanthamine derivs. and analogs were tested for acetyl- and butyrylcholinesterase inhibiting activity.

IT **365571-34-2P 365571-94-4P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of galanthamine analogs for pharmaceutical use as acetyl- and butyrylcholinesterase inhibitors)

RN 365571-34-2 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-8-[1-oxo-6-[(4aS,6R,8aS)-4a,5,9,10-tetrahydro-6-hydroxy-3-methoxy-6H-benzofuro[3a,3,2-ef][2]benzazepin-11(12H)-yl]hexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

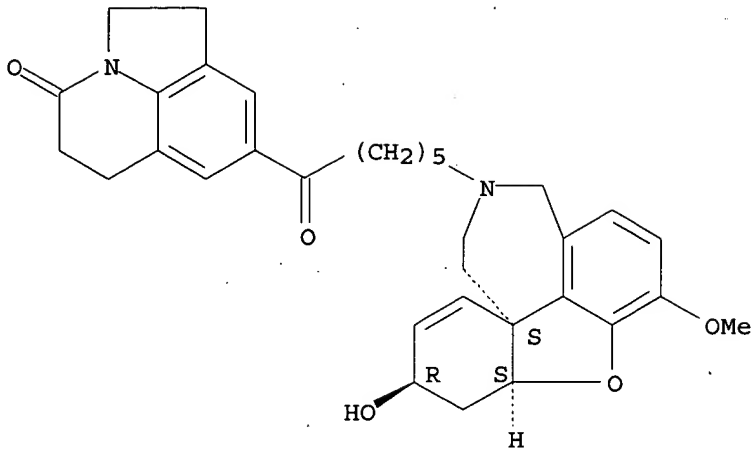


RN 365571-94-4 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-8-[1-oxo-6-[(4aS,6R,8aS)-4a,5,9,10-tetrahydro-6-hydroxy-3-methoxy-6H-benzofuro[3a,3,2-ef][2]benzazepin-11(12H)-yl]hexyl]-, (2E)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 365571-34-2
CMF C33 H38 N2 O5

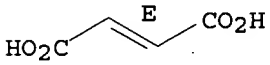
Absolute stereochemistry.



CM 2

CRN 110-17-8
CMF C4 H4 O4

Double bond geometry as shown.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1994:579506 CAPLUS
DOCUMENT NUMBER: 121:179506
TITLE: Preparation of heterocyclylalkanoyl-tricyclic condensed heterocyclic compounds as psychoanaleptics
INVENTOR(S): Goto, Giichi; Ishihara, Yuji; Hirai, Keisuke
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: Eur. Pat. Appl., 126 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 607864	A2	19940727	EP 1994-100403	19940113
EP 607864	A3	19941012		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
ZA 9400203	A	19950712	ZA 1994-203	19940112
CA 2113603	AA	19940719	CA 1994-2113603	19940117
NO 9400163	A	19940719	NO 1994-163	19940117
HU 66182	A2	19940928	HU 1994-132	19940117
FI 9400229	A	19941021	FI 1994-229	19940117
CN 1104211	A	19950628	CN 1994-100503	19940117
AU 9453861	A1	19940721	AU 1994-53861	19940118
AU 670981	B2	19960808		
JP 07206854	A2	19950808	JP 1994-3319	19940118
JP 3286056	B2	20020527		

US 5527800	A	19960618	US 1994-182239		19940118
JP 2002201177	A2	20020716	JP 2001-336391		19940118
US 5686466	A	19971111	US 1996-618796		19960320

PRIORITY APPLN. INFO.:

JP 1993-5535	A	19930118
JP 1993-173287	A	19930713
JP 1993-239672	A	19930927
JP 1993-299827	A	19931130
JP 1994-3319	A3	19940118
US 1994-182239	A3	19940118

OTHER SOURCE(S): MARPAT 121:179506

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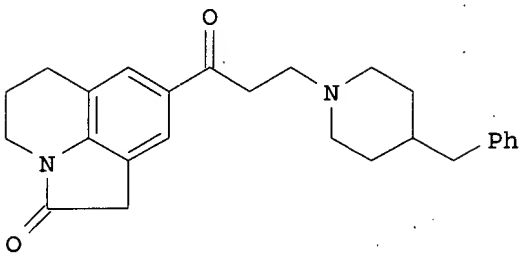


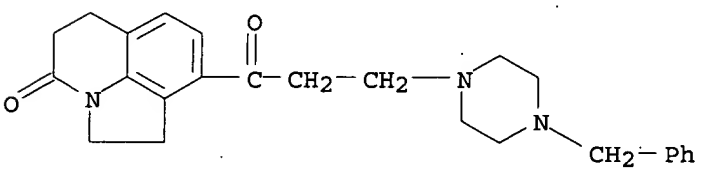
I

AB RCO(CHR1)nY [R = (un)substituted tricyclic heteroaryl; R1 = H, hydrocarbyl; Y = (un)substituted 4-piperidinyl, 1-piperazinyl, 4-benzyl-1-piperidinyl; n = 2-10] were prepd. as monoamine reuptake and cholinesterase inhibitors. Thus, title compd. I had IC50 of 0.0783 and 0.00879.mu.M against reuptake of norepinephrine and serotonin by rat synaptosomal membrane prepn. in vitro.

IT **157647-59-1P 157647-62-6P 157647-82-0P**
157647-83-1P 157648-53-8P 157648-54-9P
157648-55-0P 157648-56-1P 157648-57-2P
157648-58-3P 157648-63-0P 157648-66-3P
157648-67-4P 157648-68-5P 157648-69-6P
157648-70-9P 157648-71-0P 157648-72-1P
157648-73-2P 157648-98-1P 157648-99-2P
157649-00-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as psychoanaleptic agent)

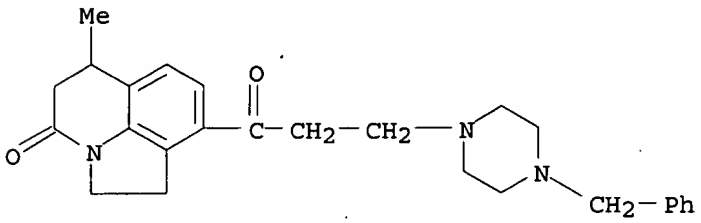
RN 157647-59-1 CAPLUS

CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-9-[1-oxo-3-[4-(phenylmethyl)-1-piperazinyl]propyl]-, dihydrochloride (9CI) (CA INDEX NAME)



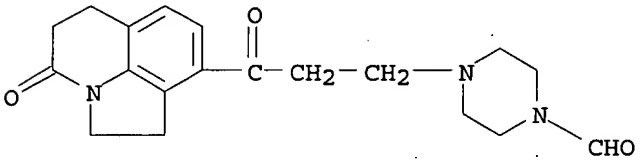
2 HCl

RN 157647-62-6 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-6-methyl-9-[1-oxo-3-[4-(phenylmethyl)-1-piperazinyl]propyl]-, dihydrochloride (9CI) (CA INDEX NAME)

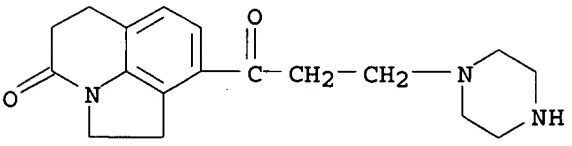


● 2 HCl

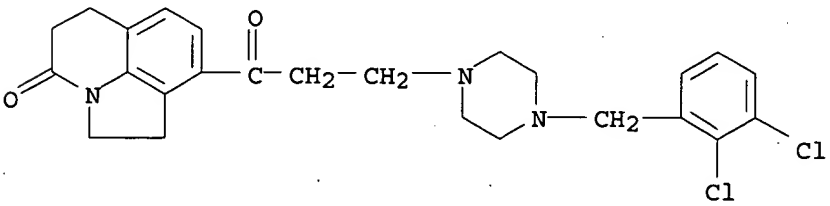
RN 157647-82-0 CAPLUS
CN 1-Piperazinecarboxaldehyde, 4-[3-oxo-3-(1,2,5,6-tetrahydro-4-oxo-4H-pyrrolo[3,2,1-ij]quinolin-9-yl)propyl]- (9CI) (CA INDEX NAME)



RN 157647-83-1 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-9-[1-oxo-3-(1-piperazinyl)propyl]- (9CI) (CA INDEX NAME)

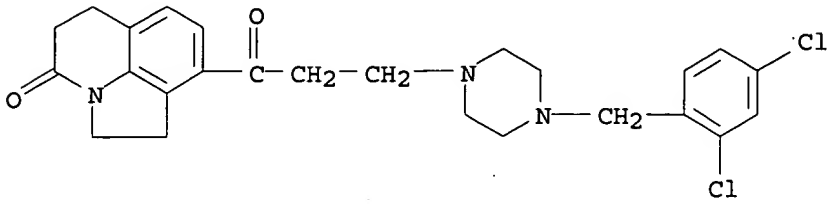


RN 157648-53-8 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 9-[3-[4-[(2,3-dichlorophenyl)methyl]-1-piperazinyl]-1-oxopropyl]-1,2,5,6-tetrahydro-, dihydrochloride (9CI) (CA INDEX NAME)



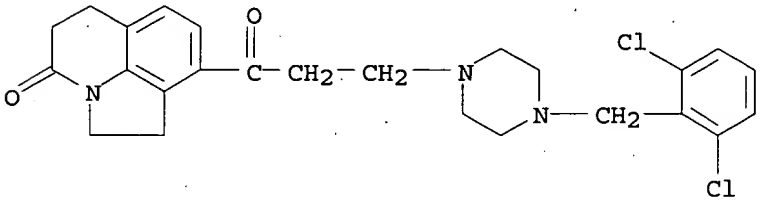
2 HCl

RN 157648-54-9 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 9-[3-[4-[(2,4-dichlorophenyl)methyl]-1-piperazinyl]-1-oxopropyl]-1,2,5,6-tetrahydro-, dihydrochloride (9CI) (CA INDEX NAME)



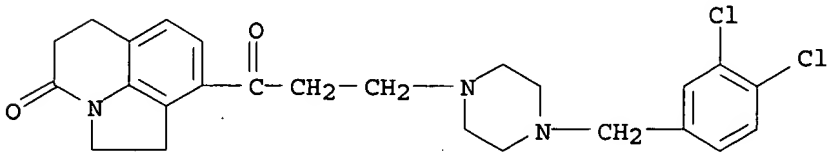
●2 HCl

RN 157648-55-0 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 9-[3-[4-[(2,6-dichlorophenyl)methyl]-1-piperazinyl]-1-oxopropyl]-1,2,5,6-tetrahydro-, dihydrochloride (9CI) (CA INDEX NAME)



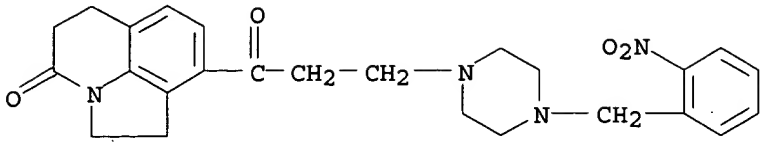
●2 HCl

RN 157648-56-1 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 9-[3-[4-[(3,4-dichlorophenyl)methyl]-1-piperazinyl]-1-oxopropyl]-1,2,5,6-tetrahydro-, dihydrochloride (9CI) (CA INDEX NAME)



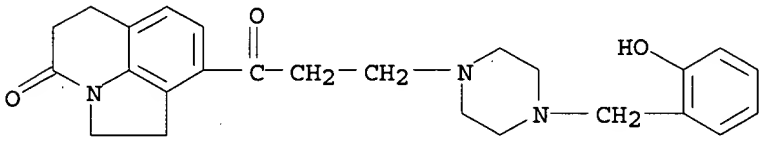
●2 HCl

RN 157648-57-2 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-9-[3-[4-[(2-nitrophenyl)methyl]-1-piperazinyl]-1-oxopropyl]-, dihydrochloride (9CI) (CA INDEX NAME)



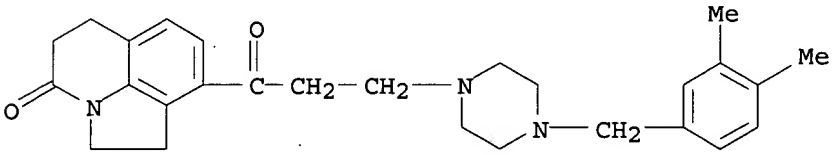
●2 HCl

RN 157648-58-3 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-9-[3-[4-[(2-hydroxyphenyl)methyl]-1-piperazinyl]-1-oxopropyl]-, dihydrochloride (9CI) (CA INDEX NAME)



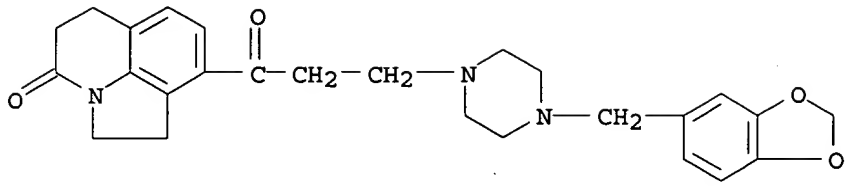
●2 HCl

RN 157648-63-0 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 9-[3-[4-[(3,4-dimethylphenyl)methyl]-1-piperazinyl]-1-oxopropyl]-1,2,5,6-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)



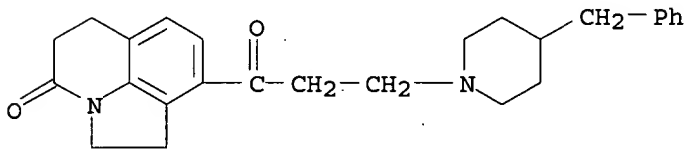
● HCl

RN 157648-66-3 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 9-[3-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]-1-oxopropyl]-1,2,5,6-tetrahydro-, dihydrochloride (9CI) (CA INDEX NAME)



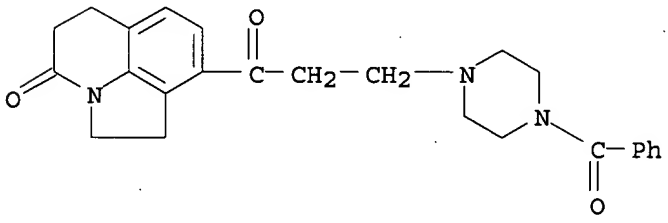
● 2 HCl

RN 157648-67-4 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-9-[1-oxo-3-[4-(phenylmethyl)-1-piperidinyl]propyl]-, monohydrochloride (9CI) (CA INDEX NAME)



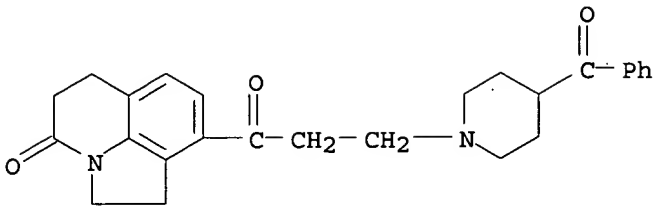
● HCl

RN 157648-68-5 CAPLUS
CN Piperazine, 1-benzoyl-4-[3-oxo-3-(1,2,5,6-tetrahydro-4-oxo-4H-pyrrolo[3,2,1-ij]quinolin-9-yl)propyl]-, monohydrochloride (9CI) (CA INDEX NAME)



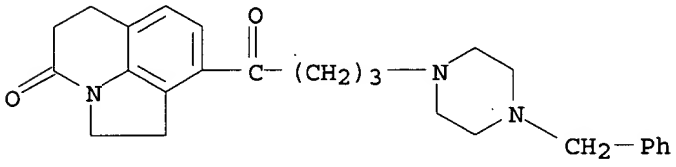
● HCl

RN 157648-69-6 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 9-[3-(4-benzoyl-1-piperidinyl)-1-oxopropyl]-1,2,5,6-tetrahydro-, monohydrochloride (9CI) (CA INDEX NAME)



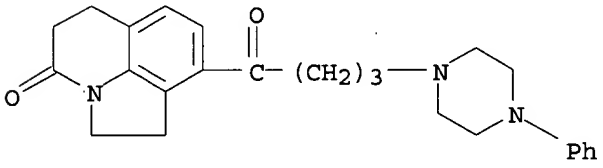
● HCl

RN 157648-70-9 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-9-[1-oxo-4-[4-(phenylmethyl)-1-piperazinyl]butyl]-, dihydrochloride (9CI) (CA INDEX NAME)



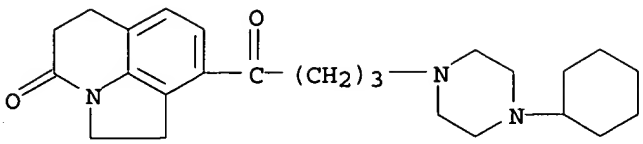
●2 HCl

RN 157648-71-0 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-9-[1-oxo-4-(4-phenyl-1-piperazinyl)butyl]-, dihydrochloride (9CI) (CA INDEX NAME)



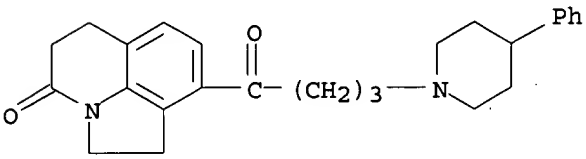
●2 HCl

RN 157648-72-1 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 9-[4-(4-cyclohexyl-1-piperazinyl)-1-oxobutyl]-1,2,5,6-tetrahydro-, dihydrochloride (9CI) (CA INDEX NAME)



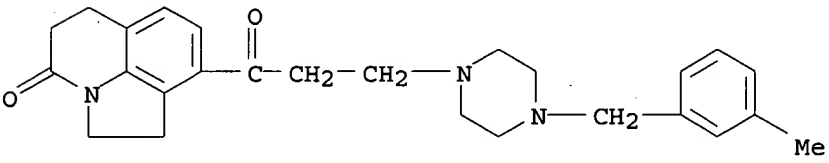
● 2 HCl

RN 157648-73-2 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-9-[1-oxo-4-(4-phenyl-1-piperidinyl)butyl]-, monohydrochloride (9CI) (CA INDEX NAME)

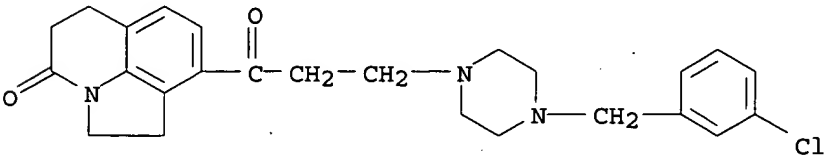


● HCl

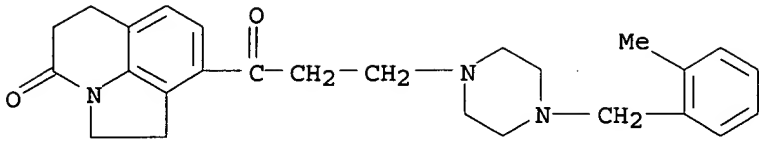
RN 157648-98-1 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-9-[3-[4-[(3-methylphenyl)methyl]-1-piperazinyl]-1-oxopropyl]- (9CI) (CA INDEX NAME)



RN 157648-99-2 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 9-[3-[4-[(3-chlorophenyl)methyl]-1-piperazinyl]-1-oxopropyl]-1,2,5,6-tetrahydro- (9CI) (CA INDEX NAME)



RN 157649-00-8 CAPLUS
CN 4H-Pyrrolo[3,2,1-ij]quinolin-4-one, 1,2,5,6-tetrahydro-9-[3-[4-[(2-methylphenyl)methyl]-1-piperazinyl]-1-oxopropyl]- (9CI) (CA INDEX NAME)



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(FILE 'HOME' ENTERED AT 13:08:31 ON 18 JUN 2003)

FILE 'REGISTRY' ENTERED AT 13:09:47 ON 18 JUN 2003
L1 STRUCTURE UPLOADED
L2 24 S L1 FUL

FILE 'CAPLUS' ENTERED AT 13:10:13 ON 18 JUN 2003
L3 2 S L2

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.49	158.06

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.30	-1.30

STN INTERNATIONAL LOGOFF AT 13:10:46 ON 18 JUN 2003